

REMARKS

Claims 1, 4-12, 15-38, and 40-109 are pending, with claims 1, 12, 20, 38, 41, 42, 44, 46, 47, 48, 49, 53, 55, 56, 67, 79, 89, 97, and 104 being independent. Claims 1, 4, 12, 15, 20, 24, 25, 38, 41, 42, 44, 46-49, 53, and 55 have been amended; claims 2, 3, 13, 14, and 39 have been canceled; and claims 56-1091 have been added. Support for the claim amendments and the new claims can be found in the originally-filed claims. No new matter has been introduced.

Applicant thanks the Examiner for indicating that claims 3-11, 14-19, 22, 25-28, 30, 32, 33, 35-37, 39, 41, 42, 44, 46-49, 53, and 55 recite allowable subject matter.

Claims 1, 2, 12, 13, 20, 21, 23, 24, 29, 31, 34, 38, 40, 43, 45, 50-52, and 54 have been rejected as being anticipated by "High power separate confinement heterostructure AlGaAs/GaAs laser diodes with broadened waveguide" by Garbuzov et al. (the Garbuzov article). Applicant requests withdrawal of this rejection because all pending claims have been placed in condition for allowance with the following amendments.

Independent claim 1 has been amended to incorporate the features of claim 2 and claim 3, which was indicated as being allowable; independent claim 12 has been amended to incorporate the features of claim 13 and claim 14, which was indicated as being allowable; independent claim 20 has been amended to incorporate the features of claim 25, which was indicated as being allowable; independent claim 38 has been amended to incorporate the features of claim 39, which was indicated as being allowable; and claims 41, 41, 44, 46, 47, 48, 49, 53, and 55, which were indicated as being allowable, have been rewritten in independent form. Additionally, new independent claims 56, 67, 79, 89, 97, and 104 correspond, respectively, to claims 22, 26, 30, 32, 33, and 37 written in independent form. New claims 57-66, 68-78, 80-88, 90-96, 98-103, and 105-109 depend from independent claims 56, 67, 79, 89, 97, or 104, and are allowable for at least the reason that these independent claims are allowable.

Applicant submits that all claims are in condition for allowance.

Applicant : Garbuzov et al.
Serial No. : 10/778,019
Filed : February 13, 2004
Page : 26 of 26

Attorney's Docket No.: 14564-006002 / 18.262;
DS08067

The fee in the amount of \$5450 in payment of the excess claim fees (\$2450 for total claims and \$3000 for independent claims) is being paid concurrently herewith on the Electronic Filing System (EFS) by way of Deposit Account authorization. Please apply all charges or credits to deposit account 06-1050, referencing Attorney Docket No. 14564-006002.

Respectfully submitted,

Date: August 21, 2007

/Diana DiBerardino/
Diana DiBerardino
Reg. No. 45,653

Fish & Richardson P.C.
225 Franklin Street
Boston, MA 02110
Telephone: (617) 542-5070
Facsimile: (617) 542-8906

21663978